

AMENDMENTS TO THE ABSTRACT

~~The present invention relates to a~~ A nail and screw system (1) for improving the fixation of proximal fractures of the humerus, including at least a Numeral humeral nail (10) to be inserted in a Numeral humeral shaft (9) and ~~comprising at least including~~ a proximal transversal hole (5) for the passage of a corresponding locking screw (3), ~~the screw (3) having a screw head (4) and a screw body (31).~~ Advantageously, the nail is cannulated and the transversal hole (5) ~~comprises~~ is formed of a couple of opposite holes (6', 6'') on opposite a wall of the cannulated nail (10); the hole (6) closer to the screw head (4) has an internal partially threaded portion (28) and the corresponding screw (3) has an outside thread diameter smaller than the diameter of said ~~at least one~~ the transversal hole (27) ~~that receives such a screw.~~ The partially threaded portion (28) works as a portion of nut screw but ~~doesn't~~ does not interfere with the screw during the normal insertion. In case of a undesired movement or displacement of the screw (3) after its final fastening or in use, the internal threaded portion (28) ~~solve the problem engaging~~ engages the threaded portion of the screw (3) ~~at least~~ in a crest to crest fashion.